



SEQUENCE LISTING

<110> COOPER, GARTH JAMES SMITH
BUCHANAN, CHRISTINE MAREE
JAMES, GABRIEL CHRISTOPHER

<120> METHODS OF USE OF COMPOUNDS WITH PREPTIN FUNCTION

<130> 49123.000033.UTL1

<140> 10/632,366

<141> 2003-07-31

<150> 60/400,445

<151> 2002-08-01

<160> 20

<170> PatentIn version 3.2

<210> 1

<211> 34

<212> PRT

<213> Homo sapiens

<400> 1

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asp | Val | Ser | Thr | Pro | Pro | Thr | Val | Leu | Pro | Asp | Asn | Phe | Pro | Arg | Tyr |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pro | Val | Gly | Lys | Phe | Phe | Gln | Tyr | Asp | Thr | Trp | Lys | Gln | Ser | Thr | Gln |
| | | | 20 | | | | | 25 | | | | | 30 | | |

Arg Leu

<210> 2

<211> 34

<212> PRT

<213> Rattus norvegicus

<400> 2

| | | | | | | | | | | | | | | | |
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| Asp | Val | Ser | Thr | Ser | Gln | Ala | Val | Leu | Pro | Asp | Asp | Phe | Pro | Arg | Tyr |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pro | Val | Gly | Lys | Phe | Phe | Lys | Phe | Asp | Thr | Trp | Arg | Gln | Ser | Ala | Gly |
| | | | 20 | | | | | 25 | | | | | 30 | | |

Arg Leu

<210> 3
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<400> 3
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 1 5 10 15

Pro Val Gly Lys Phe Phe Gln Tyr Asp Thr Trp Arg Gln Ser Ala Gly
 20 25 30

Arg Leu

<210> 4
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<220>
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Pro Val Gly Lys Phe Phe Xaa Xaa Asp Thr Trp Xaa Gln Ser Xaa Xaa
 20 25 30

Arg Leu

<210> 5
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Pro Val Gly Lys Phe Phe Xaa Xaa Asp Thr Trp Xaa Gln Ser Xaa Xaa
 20 25 30

Arg

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Pro Val Gly Lys Phe Phe Xaa Xaa Asp Thr Trp Xaa Gln Ser Xaa Xaa
 20 25 30

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 <223> Ala or Thr, or a conservative variant thereof

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Pro Val Gly Lys Phe Phe Xaa Xaa Asp Thr Trp Xaa Gln Ser Xaa
 20 25 30

<210> 8
 <211> 30
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<220>
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 20 25 30

<210> 9
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 1 5 10 15

Pro Val Gly Lys Phe Phe Xaa Xaa Asp Thr Trp Xaa Gln
 20 25

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| Asp | Val | Ser | Thr | Xaa | Xaa | Xaa | Val | Leu | Pro | Asp | Xaa | Phe | Pro | Arg | Tyr |
| 1 | | | | | 5 | | | | 10 | | | | | 15 | |

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Pro | Val | Gly | Lys | Phe | Phe | Xaa | Xaa | Asp | Thr | Trp | Xaa |
| | | | 20 | | | | | 25 | | | |

<210> 11

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 <222> (23)..(23)
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 1 5 10 15

Pro Val Gly Lys Phe Phe Xaa Xaa Asp Thr Trp
 20 25

<210> 12
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<220>
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<220>
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 <223> Gly or Gln, or a conservative variant thereof

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 1 5 10 15

Val Gly Lys Phe Phe Xaa Xaa Asp Thr Trp Xaa Gln Ser Xaa Xaa Arg
 20 25 30

Leu

<210> 13
 <211> 32
 <212> PRT
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 1 5 10 15

Gly Lys Phe Phe Xaa Xaa Asp Thr Trp Xaa Gln Ser Xaa Xaa Arg Leu
 20 25 30

<210> 14
 <211> 31
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| Thr | Xaa | Xaa | Xaa | Val | Leu | Pro | Asp | Xaa | Phe | Pro | Arg | Tyr | Pro | Val | Gly |
| 1 | | | | 5 | | | | 10 | | | | | | 15 | |

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Phe | Phe | Xaa | Xaa | Asp | Thr | Trp | Xaa | Gln | Ser | Xaa | Xaa | Arg | Leu |
| | | | 20 | | | | 25 | | | | | | 30 | |

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 20 25 30

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 Xaa Xaa Val Leu Pro Asp Xaa Phe Pro Arg Tyr Pro Val Gly Lys Phe
 1 5 10 15

Phe Xaa Xaa Asp Thr Trp Xaa Gln Ser Xaa Xaa Arg Leu

20

25

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<210> 17
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1           5           10           15

Xaa Xaa Asp Thr Trp Xaa Gln Ser Xaa Xaa Arg Leu
      20           25

<210> 18

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| Val | Leu | Pro | Asp | Xaa | Phe | Pro | Arg | Tyr | Pro | Val | Gly | Lys | Phe | Phe | Xaa |
| 1 | | | | 5 | | | | 10 | | | | | 15 | | |

| | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Xaa | Asp | Thr | Trp | Xaa | Gln | Ser | Xaa | Xaa | Arg | Leu |
| | | | 20 | | | | 25 | | | |

<210> 19

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<223> Description of Artificial Sequence: Synthetic preptin peptide fragment

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1          5          10          15

Val Gly Lys Phe Phe Xaa Xaa Asp Thr Trp Xaa Gln Ser Xaa Xaa Arg
20          25          30

<210> 20
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<213> Artificial Sequence

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 <223> Gln or Pro, or a conservative variant thereof

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> Ala or Thr, or a conservative variant thereof

<220>
 <221> MOD_RES
 <222> (10)..(10)
 <223> Asp or Asn, or a conservative variant thereof

<220>
 <221> MOD_RES
 <222> (21)..(21)
 <223> Gln or Lys, or a conservative variant thereof

<220>
 <221> MOD_RES
 <222> (22)..(22)
 <223> Tyr or Phe, or a conservative variant thereof

<220>
 <221> MOD_RES
 <222> (26)..(26)
 <223> Arg or Lys, or a conservative variant thereof

<220>
 <221> MOD_RES
 <222> (29)..(29)
 <223> Ala or Thr, or a conservative variant thereof

<220>
 <221> MOD_RES
 <222> (30)..(30)
 <223> Gly or Gln, or a conservative variant thereof

<400> 20
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 1 5 10 15

Gly Lys Phe Phe Xaa Xaa Asp Thr Trp Xaa Gln Ser Xaa Xaa
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